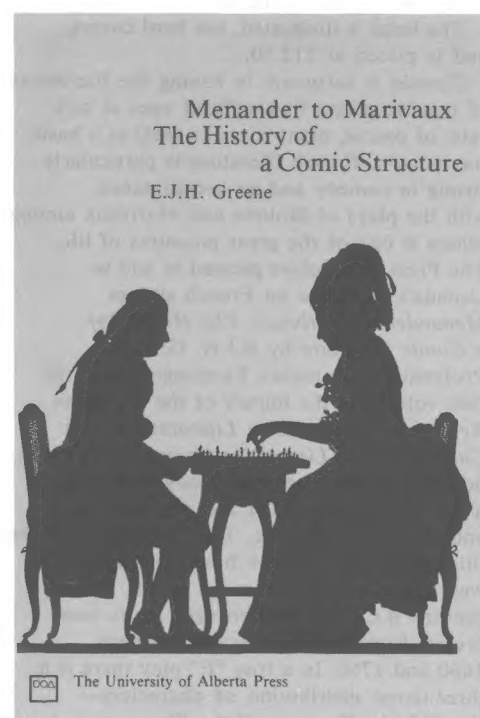
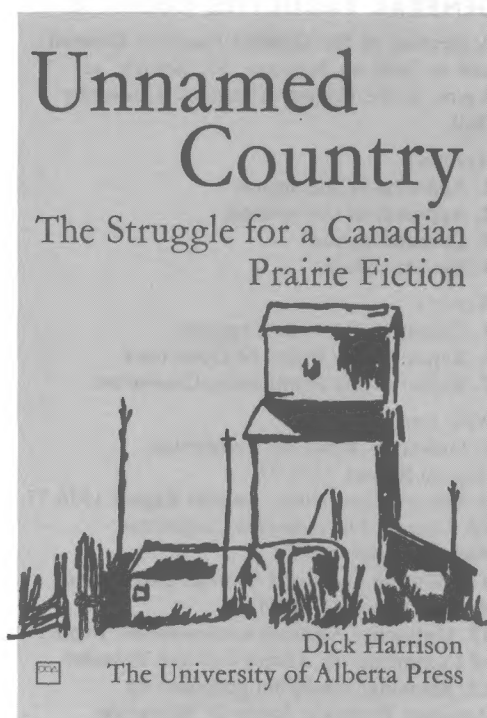
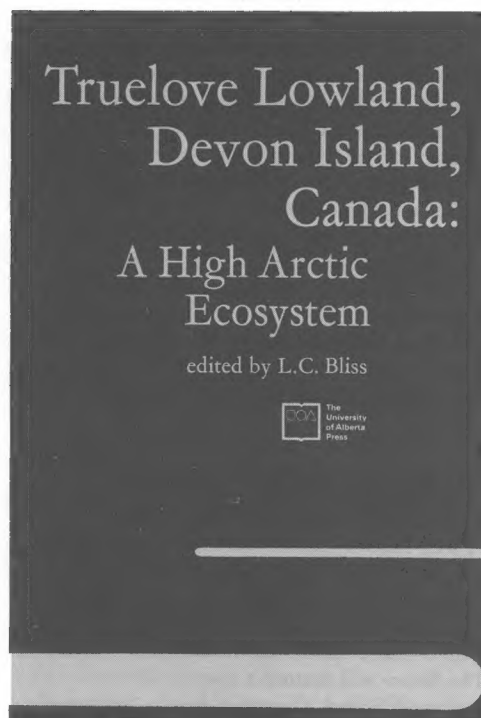


FOLIO

THE UNIVERSITY OF ALBERTA STAFF BULLETIN

EDMONTON, ALBERTA

26 JANUARY 1978



FILLING THE GAP

The Symons Commission on Canadian Studies deplored the fact that so few scientific works are being published in Canada on specifically Canadian concerns. In its Report, in the section on Science and Technology, Recommendation 22 reads in part: "The Commission recommends that Canadian publishers examine the needs and opportunities for publishing in the sciences and that they be more active both in soliciting and promoting books in this field. . . ."

As it happened, at the time the Report was released, the University of Alberta Press had just accepted a substantial scientific work, and it was published last month under the title *Truelove Lowland, Devon Island, Canada: A High Arctic Ecosystem*. In its 735 pages are summarized the results of thirty-three research projects conducted within the Canadian component of the International Biological Programme directed by L.C. Bliss, Professor of Botany, who is also editor of the book. The research was interdisciplinary, involving staff and graduate students from

various departments of this University, from other Canadian universities, and from Sweden and Finland.

The area studied covers sixteen square miles on the north-east coast of Devon Island and is a kind of oasis amid the Polar Desert with an unusually rich flora and fauna. The research reported in this book ranges over the whole ecosystem, covering the bedrock geology, soils, permafrost, weather, etc., the animal life from muskox to collembola, not forgetting birds, and the considerable plant life, all accompanied by estimated energy flows and net production figures. Uniquely, the book includes chapters on lake biology, the utilization of wildlife by native people, and the impact of petroleum exploration. This is the only ecosystem study ever carried out in these northern islands and because of the expense and level of co-ordination necessary, it is unlikely there will be another for many decades to come.

The book is a handsome nine by six volume, fully cloth bound with dustwrapper. It is illustrated throughout with photographs, drawings, diagrams, and tables and concludes

with species lists. In a back pocket is a twenty-five by thirty-five inch fold-out colour-map depicting soils on one side and plant communities on the other. Because of generous subsidization by various levels of government and by private industry, the book is selling at the extremely low price of \$20 a copy.

The Symons Commission Report, entitled *To Know Ourselves*, was emphatic that we could only really ever know ourselves through the study of our literature and in this part of the country we are lucky in having a particularly rich literary heritage, although its achievement has not been without difficulty. *Unnamed Country: The Struggle for a Canadian Prairie Fiction* by Dick Harrison, Associate Professor of English, was also published by the Press last month.

In it, Dr. Harrison examines a large number of novels about the Canadian prairies, from the time of settlement to the present, showing, for one thing, how our own western literature embodies entirely different attitudes from those celebrated in the familiar American "western" genre. He is also somewhat controversial in claiming that the inherent

cultural framework of the English-speaking settlers proved to be ill-adapted to the realities of life on the prairies and that this is reflected in the literature with its recurring motifs of failing patriarch, fallen wife, and ruined houses. He suggests that our modern writers, such as Rudy Wiebe, Margaret Laurence, and Robert Kroetsch, are re-naming the prairie experience and constructing for us a new way of seeing the land.

The book is illustrated, has hard covers, and is priced at \$12.50.

Canada is fortunate in having the literatures of two languages (two official ones at any rate; of course, many more in fact) as a basis for its own. French literature is particularly strong in comedy and an acquaintance with the plays of Molière and Marivaux among others is one of the great pleasures of life. The Press is therefore pleased to add to Canada's literature on French studies *Menander to Marivaux: The History of a Comic Structure* by E.J.H. Greene, Professor of Romance Languages. It is the first volume in the library of the *Canadian Review of Comparative Literature/Revue Canadienne de Littérature Comparée* and it is hoped that this exuberant study will help a lot of students make the acquaintance and share the pleasure. The "structure" of the title, which Dr. Greene has christened "F," was first used by Menander in the fourth century B.C., but was brought to its most precise formulation in France between 1660 and 1760. In a true "F" play there is a three-tiered distribution of characters—the Old, the Young, and the Slaves or Servants—and Dr. Greene analyses a large number of plays to show how many variations there are on this single theme, and how the masters used it as a base on which to

construct some of their most brilliant comedies.

This book has soft covers, attractively decorated chapter openings, and is priced at \$10.

All the books are available at the Bookstore in the Student's Union Building.

MEETING OF THE GENERAL FACULTIES COUNCIL

A meeting of the General Faculties Council will be held on Monday, 30 January, at 2 p.m. in the Council Chamber, University Hall.

Agenda

1. Approval of the agenda
2. Approval of the minutes
3. Question period
4. New members

Reports

5. Executive Committee reports
6. Report of the Board of Governors
7. Report of the Nominating Committee

New business

8. University Planning Committee: Annual Report 1976-77
9. Library Committee: Annual Report 1976-77
10. Campus Development Committee: Annual Report 1977
11. Housing and Food Services Committee: Annual Report 1976-77
12. University entrance examinations: Report of Committee on Admissions and Transfer
13. Smoking: resolution proposed by Assistant Professor James H. Balderson

For information

14. Joint Search Committee for a new Chancellor: letter of thanks
15. Other business.

been especially invited to attend, as have recent women engineering graduates. Barbara Scott, President of the Women's Engineering Students' Society, explained that she hoped recent graduates would discuss the development of their careers on an informal basis at the conference, and that women in other fields, especially those careers that were predominantly male, would also be able to attend the conference and share their experiences with the students.

The aim of the Women's Engineering Students' Society is to provide a means for women enrolled in engineering programs to become acquainted with each other. The Faculty of Engineering has an enrolment of only sixty-two women students out of about 1,575 undergraduates.

Conference fees will be \$10 and will include lunch and dinner. For further information about the conference and for application forms to attend, telephone 439-2644, or write to the Women's Engineering Students' Society, 2-1 Mechanical Engineering Building, by 31 January.

SALON DU LIVRE CANADIEN D'EXPRESSION FRANCAISE

A well-known Quebec author Yves Thériault will be among those taking part in the "Salon du Livre Canadien d'expression française" to be held at the Collège Universitaire Saint-Jean from 1 to 4 February. The Salon will feature a display of over three thousand French Canadian Books sponsored by over fifty publishing houses, as well as book releases of Franco-Canadian poetry by Alberta authors Jean Pariseau and Guy Pariseau.

Other invited guests who will be taking part in the activities will be Bernadette Renaud of Montreal, Quebec, award-winning author of the Governor General Award for Children's Literature and Father Germain Lemieux, Director of the Centre Franco-Ontarien de Folklore at the Laurentian University in Sudbury, and author of several volumes of French Canadian legends.

French films will also be featured during the Salon, with the premiere on 2 February, at 8 p.m. of a National Film Board film, *C'est l'nom d'la game*, directed by local artist Sylvia Van Brabant. French films on French-Canadian authors will be shown continuously throughout the exposition from 10 a.m. every morning, commencing 2 February. French films for children will be shown from 1 p.m. to 3 p.m. on Saturday. In addition, there will be displays of audio-visual teaching materials in French, with workshops on their implementation in the classroom for Alberta teachers given by the National Film Board and SECAS.

People interested in purchasing books will

WOMEN'S ENGINEERING STUDENTS' SOCIETY HOSTS CONFERENCE

The Women's Engineering Students' Society at the University is sponsoring a Career Development Conference on 10 and 11 February.

The conference will focus on such topics as career opportunities, integration of family and career, child care and the career, and women in management.

Guest speakers at the conference will include Cathryn Ford, Edmonton Public School Board Trustee; Lorna Johnson, Recruiting Officer for Shell Canada Ltd.; Andrea Moen, Central Mortgage and Housing Corporation; Muriel Chenton, professional engineer; and Virginia O'Brien, a teacher at Grande Prairie Composite High School.

Women engineering students at the Universities of Alberta and Calgary have

FOLIO

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be able to do so from the personnel of the French bookstore Le Carrefour who will be on hand throughout the exposition.

Admission is free and everyone is cordially invited to attend. All activities will take place at Collège Universitaire Saint-Jean, 8406 91 St. For further information, please contact Sylvia Landry or Midge Nickolchuk, telephone 466-2196.

PEOPLE

- Bruce Bain, Associate Professor in the Department of Educational Psychology, conducted a half-day workshop for the Child Studies Centre of the Edmonton Public School Board on language learning problems in bilingual education programs.
- Bruce P. Dancik, Associate Professor in the Department of Forest Science, was recently named as chairman of the first Environment Council of Alberta (ECA) panel. The panel will investigate the environmental effects of forestry operations in Alberta through a series of public hearings across the province, beginning 13 February. The panel will report to the provincial cabinet on the effects of forest management practices and their integration with other forest uses.
- Murray S. Klamkin, Professor and Chairman

of the Department of Mathematics, has received a Certificate of Merit in recognition of outstanding contributions to collegiate mathematics from the Mathematical Association of America.

NOTICES

Notices must reach the Editor by 9 a.m. the Thursday prior to publication. Written notification is necessary.

Spring Convocation 1978

Because of a conflict in the reservations for the Northern Alberta Jubilee Auditorium, the 1978 Spring Convocation will be held on 29, 30, and 31 May rather than on 30 and 31 May and 1 June as indicated in the current *Calendar*.

Television Language Course

In addition to the English as a second language course televised on Cable 13, videotapes of the programs will be shown at the Faculty of Extension each Tuesday and Friday afternoon at 3 p.m. This service begins on 7 February. The fee is \$25 and includes instructional materials and program transcripts. For further information, telephone 432-2497.

Level III Coaches Clinic

Edmonton Parks and Recreation announces

that the Federation Hockey Committee is sponsoring a Level III Coaches Clinic on 28 and 29 January and 4 February. Registration is now being taken for this Clinic. To be eligible for this Clinic, registrants must be certified in Level II before 15 December 1976. For further information, call Vernon Paul at 469-5116.

Part-time Instructors Needed

Edmonton Parks and Recreation requires part-time instructors in Athletics and Fitness, Visual Arts, Performing Arts, Aquatics, Outdoor Recreation, Preschool and Hobbies, and Activities for the Disabled. Opportunities exist in all districts of the city, and instructor training programs will be offered in many of the activities. For further information, telephone 428-3559.

Education Curriculum Seminar

The second in the 1977-78 series of Education Curriculum Seminars organized by the Faculty of Education will be held on 1, 2, and 3 February. Michael Apple of the University of Wisconsin at Madison will deliver an open lecture titled "Curriculum, economics, and social control" on Wednesday, 1 February, at 3:30 p.m. in 2-115 Education North. During his visit, Dr. Apple will meet with graduate students and other interested people. For more information about the seminars or or lecture, telephone Max van Manen at

ESCALATING ENERGY COSTS

The following information has been received from R.J. Burns, Director of Energy Management.

Energy costs have accelerated during the last few years and are continuing to do so. Shown (Table 1 and 2) is a comparison of the energy consumption and costs for the fiscal years 1975/76 and 1976/77.

The costs of utilities have gone up (Table 3) in each category from 1975/76 to 1976/77 in spite of it being a milder winter. This further dramatizes the significance of cost escalation, whereas generally, consumption has dropped. Actual reduction in consumption of approximately 6.5 percent has been achieved reversing the actual historic rate of 3.5 percent.

Costs of consumption in 1977/78 will show further dramatic increases due to rising utilities costs. Efforts in conservation must be continued to reduce effects of cost escalation, which are outside U of A control.

Table 1. Energy consumption and cost of major utilities on campus 1975/76

	<i>Consumption</i>	<i>Cost</i>
Electrical	139,925,297 kWh	\$1,390,079
Steam generation (consumed 23,394,586 therms of natural gas)	1,199,486,800 lb.	1,012,184
Water and sewer	86,137,885 cu. ft.	431,685
Chilled water production	20,502,000 ton hrs.	462,225
Total		\$3,296,173

Table 2. Energy consumption and cost of major utilities on campus 1976/77

	<i>Consumption</i>	<i>Cost</i>
Electrical	134,971,163 kWh	\$1,957,082
Steam generation (consumed 18,874,803 therms of natural gas)	1,153,684,382 lb.	1,753,601
Water and sewer	86,038,800 cu. ft.	576,460
Chilled water production	25,267,950 ton hrs.*	566,242
Total		\$4,853,385

* Reflects design load additions in 1976/77 of 1,350 tons

Table 3. Change in energy consumption and cost, expressed as percentage

	<i>Change in Consumption</i>	<i>Change in Cost</i>
Electrical	-3.5%	+40.8%
Steam generation	-3.8%	+73.2%
Water and sewer	0.115%	+33.5%
Chilled water	+23.2% **	+22.5%
Total		+47.2%

** Reflects load additions

432-3665 or A.T. Pearson at 432-2158.

CMOS Meeting

The Canadian Meteorological and Oceanographic Society (CMOS) will hold a meeting on Tuesday, 31 January, at 8 p.m. at the Atmospheric Environment Centre, 6325 103 Street. Terry Rachuk of the Solar and Wind Energy Research Project of the Alberta Research Council will speak on the feasibility of using solar and wind energy in Alberta. The public is welcome to attend this meeting.

Arts and Crafts Workshops

During February and March, Alberta Culture will sponsor a variety of arts and crafts workshops. There are still a few openings left in Sculpture, Arts and Crafts and Visual Arts and Crafts Administration, and Self-awareness for the Amateur Artist, and Beginners Wheelthrowing. Registration is on a first come, first served basis, and deadline for application is 3 February. For further information, telephone 427-2031.

Dental Hygiene Clinic

The School of Dental Hygiene is accepting adults and children for oral prophylaxis (teeth cleaning). There will be a nominal fee. For appointments please telephone 432-4151.

Recall Notices on Library Material

Under certain circumstances urgent recall notices may be mailed to borrowers before the library material is due to be returned. It is important for the person requiring this material that it be returned on or before the new due date. Effective 3 January 1978, borrowing privileges will be suspended immediately when recalled material is overdue. This sanction will be applied to staff and students who enjoy borrowing privileges.

New Acting Director for IRP

Gordon L. Mowat, Professor of Educational Administration and former Chairman of that Department, has agreed to serve as Acting Director of Institutional Research and Planning for the next six months.

Energy Savings On Campus

A decal which reads "ENERGY CONSERVATION—domestic hot water system is inactivated during off hours" will be appearing in various buildings in a corner of a mirror in public washrooms. These system cut-backs are being applied in those buildings where the occupancy cycles allow potential savings to be realized.

Posters and Signs

A number of regulations apply to the display of posters and signs on campus. All interior displays should be placed on the notice boards in the major campus buildings, and posters and signs should never be placed on painted surfaces, plastered walls, woodwork or blackboards. However, when a greater

distribution of posters is desired for a special event, masking tape may be used to fasten the posters to surfaces other than the notice boards. In such cases the use of anything but masking tape (glue, tacks, nails, etc.) is prohibited. Signs or posters may be affixed to glass doors provided that vision is not obstructed in a way that creates a safety hazard. For further information about the interior display of signs and posters contact Werner Larsen, Building Services Manager, telephone 432-5224.

For exterior displays of signs and posters only limited notice board space is available. Affixing such displays to grounds' furnishings, light-posts, or trees is not permitted. However, portable notice boards are available for special events. Further information about the use and cost of portable notice boards, and information about exterior displays in general is available from Guy Jutte, Grounds Manager, telephone 432-4724.

Only a moderate number of signs or posters may be placed in any one location and the dimensions of any display should be limited to about 460 mm by 600 mm. Individuals or organizations are responsible for the prompt removal of their signs or posters after the event to which the display makes reference. Any large, unusual, or special display should be discussed in advance with Russ Motyka, Building Maintenance Manager, telephone 432-4833.

The maintenance staff have instructions to remove any display that is not posted in accordance with regulations. Damage resulting from improper posting of signs and posters may be charged to the individuals or organization responsible.

Edmonton Parks and Recreation Master Plan

Master Plan is the Edmonton Parks and Recreation Department's major policy document concerned with the development of neighborhood parks, district parks, arenas, pools, golf courses, and similar facilities. Meetings have been scheduled to allow the participation of all interested individuals in the development of Master Plan. There will be meetings at Harry Ainlay Composite High School on 31 January, at St. Mary's Separate School on 30 January, and at the Lion's Senior Citizens Recreation Centre on 1 February. All meetings will take place at 7:30 p.m.

ACM Meeting

The Alberta Chapter of the Association for Computing Machinery will be holding an introductory meeting on Friday, 3 February, at 7:30 p.m. in 2-3 Mechanical Engineering Building. Daniel D. McCracken, vice-president of the ACM and well-known author, will speak on "The next ten years in computing." Everyone is welcome.

THIS WEEK AND NEXT

Listings must reach the Editor by 9 a.m. Thursday one week prior to publication. Written notification is preferred.

26 JANUARY, THURSDAY

Student Cinema

7 p.m. and 9:30 p.m. *The Exorcist, Part 2* (United States, 1977) Directed by John Boorman and starring Linda Blair and Richard Burton. Students' Union Theatre. Admission is \$1.50 advance and \$2 at the door.

Cinematheque 16

7:30 p.m. *To Have and Have Not* (United States, 1944). Directed by Howard Hawks and starring Humphrey Bogart and Lauren Bacall. Downstairs, Edmonton Art Gallery. Admission is \$2 for members and \$2.50 for non-members. Tickets available at the door.

27 JANUARY, FRIDAY

NASA House

4:30 p.m. "Happy Hours" at the NASA House. Cash bar, light snacks, and dancing. For members of the non-academic staff and their guests.

Faculty Club

Downstairs. Friday special: prime rib of beef, baked ham, potatoes, vegetable, salad bar, \$5.50.

Upstairs. Daily special: lobster bisque, romaine salad, entrecôte caroline, baked stuffed potato, green peas with mushrooms, peach melba, \$7.95. Also regular dinner menu. Reservations required. Entertainment: The Committee.

Cinematheque 16

7:30 p.m. *To Have and Have Not* (United States, 1944). Directed by Howard Hawks and starring Humphrey Bogart and Lauren Bacall. Downstairs, Edmonton Art Gallery. Admission is \$2 for members and \$2.50 for non-members. Tickets available at the door.

Hockey

8 p.m. Bears versus Huskies. Varsity Arena. Admission is \$2.50 for adults, \$1.50 for students, and \$1 for children.

Toronto Dance Theatre

8:30 p.m. Toronto Dance Theatre. Students' Union Theatre. Admission is \$5. Tickets available at the HUB Box Office, Mike's Ticket Office, Woodward's, and at the door.

South Side Folk Club

8:30 p.m. The South Side Folk Club Concert with Brandywine, Gord Campbell, and Cariboo Two Step. The Orange Hall South Side, 104 Street and 84 Avenue. Admission is \$2.50 for members and \$3 for non-members.

Nominations to the Senate of The University of Alberta

We welcome nominations from the public for several vacancies on the University Senate. Members are volunteers who serve on Task Forces and Committees ranging from selection of candidates for honorary degrees to subjects concerning the academic community. Senate meets formally four times a year.

"It is the duty of the Senate to inquire into any matter that might tend to enhance the usefulness of the University." There are no formal qualification requirements, but consideration will be given to community service of nominees from central and northern Alberta.

Nominators should provide a brief résumé and statement of their reasons for nominating the candidate. Appointments are for three-year terms beginning July 1, 1977.

We encourage interested people to submit written nominations no later than *February 18, 1978 to:*

The Chairman
Nominating Committee
The Senate
The University of Alberta
Edmonton, Alberta
T6G 2G8

For further information,
telephone 432-2268.

28 JANUARY, SATURDAY

Science Fiction Film Series

2:30 p.m. *Village of the Damned* (Great Britain, 1960). Starring George Sanders, Barbara Shelley, and Michael Gwayne. Centennial Library Theatre. Admission is free.

Faculty Club

Downstairs. Buffet: coq au vin, noodles, vegetables, salad bar, \$5.50.
Upstairs. Regular dinner menu. Reservations required.

Hockey

8 p.m. Bears versus Huskies. Varsity Arena. Admission is \$2.50 for adults, \$1.50 for students, and \$1 for children.

Toronto Dance Theatre

8:30 p.m. Toronto Dance Theatre. Students' Union Theatre. Admission is \$5. Tickets available at the HUB Box Office, Mike's Ticket Office, Woodward's, and at the door.

29 JANUARY, SUNDAY

Cinematheque 16

2 p.m. *To Have and Have Not* (United States, 1944). Directed by Howard Hawks and starring Humphrey Bogart and Lauren Bacall. Downstairs, Edmonton Art Gallery. Admission is \$2 for members and \$2.50 for non-members. Tickets available at the door.

Baroque Music Concert

2:30 p.m. The Da Camera Singers, conducted by Kenneth L. Nielsen, perform baroque music at All Saints' Cathedral. Admission is \$3.50 regular and \$2 for students and senior citizens. Tickets available from the Bay Box Office and at the door.

Jazz Concert Series

2:30 p.m. Big Miller and the Big Band Sound will perform in the Centennial Library Theatre. Admission is free.

National Film Theatre

7 p.m. and 9 p.m. *Brewster McCloud* (United States, 1970). Directed by Robert Altman. Zeidler Hall, Citadel Theatre. For ticket information, telephone 425-1820.

Student Cinema

7 p.m. and 9:30 p.m. *The Story of O* (France/Germany, 1975). Directed by Just Jaecklin and starring Corinne Clery and Udo Kier. Students' Union Theatre. Admission is \$1.50 advance and \$2 at the door. Tickets available at the HUB Box Office.

30 JANUARY, MONDAY

Chaplaincy Film Series

7:30 p.m. *Gospel Road* (United States, 1977). TL-12 Tory Building. Series tickets are \$5. Tickets available at the HUB Box Office.

Edmonton Film Society

8 p.m. *The Good Fairy* (United States, 1935). TL-11 Tory Building. Series tickets are available from the HUB Box Office, Woodward's, and at the door.

31 JANUARY, TUESDAY

Civilisation Series (11)

12:30 p.m. *Romanticism*. L-3 Humanities Centre.

National Film Theatre

8 p.m. *Chapeau Claque. Die Fröliche Beichte eines Faulenzers* (Germany, 1972). Centennial Library Theatre. Admission is \$1.50 regular and \$1 for students and senior citizens.

1 FEBRUARY, WEDNESDAY

Civilisation Series (11)

12 p.m. *Romanticism*. L-3 Humanities Centre.

National Film Theatre

7 p.m. and 9:30 p.m. *Rollerball* (United States, 1975). Directed by Norman Jewison and starring James Caan. Zeidler Hall, Citadel Theatre. For ticket information, telephone 425-1820.

Concert

8:15 p.m. Conway Twitty and special guest Carroll Baker perform at the Jubilee Auditorium. Tickets available at the Bay Box Office, telephone 424-0121.

Edmonton Film Society

8 p.m. *Monte Carlo and Applause*. TL-11 Tory Building. Series tickets available at the HUB Box Office, Woodward's, and at the door.

Edmonton Chamber Music Society

8:30 p.m. Aeolian Chamber Players of New York perform twentieth-century music for strings, clarinets, and piano. Convocation Hall. Admission is by season ticket only, but a few tickets for this concert and the rest of the season are available at the door.

2 FEBRUARY, THURSDAY

National Film Theatre

7 p.m. and 9:30 p.m. *Marathon Man* (United States, 1976). Directed by John Schlesinger and starring Dustin Hoffman and Laurence Olivier. Zeidler Hall, Citadel Theatre. For ticket information telephone 425-1820.

German Film

7:30 p.m. *Das fliegende Klassenzimmer*. 17 Arts Building. Admission is free.

Concert Series

8 p.m. The Edmonton Symphony Orchestra will be the guest of the Department of Music and will perform works by Liadov, Nono, Piston, and Violet Archer. Helmut Brauss of the Department of Music will be guest piano soloist and will perform

Hindemuth's "Theme and Variations."
Convocation Hall.

3 FEBRUARY, FRIDAY

NASA House

4:30 p.m. "Happy Hours" at the NASA House. Cash bar, light snacks, and dancing. For members of the non-academic staff and their guests.

Basketball

6:30 p.m. and 8:30 p.m. Alberta versus Victoria. (Bears at 6:30 p.m. and Pandas at 8:30 p.m.) Main Gym. Admission is \$2.50 for adults, \$1.50 for students, and \$1 for children.

Faculty Club

Downstairs. Buffet: prime rib of beef, baked ham, vegetable, potato, salad bar, dessert table, \$5.50.

Upstairs. Chef's special: consommé royale, almond salad, breast of chicken with champagne sauce, fresh baby carrots, berny potatoes, pecan pie, \$7.95. Also lobster thermidor, \$15, and regular dinner menu. Reservations required.

National Film Theatre

7 p.m. and 9 p.m. *40 Carats* (1973). Directed by Milton Katselas. Zeidler Hall, Citadel Theatre. For ticket information, telephone 425-1820.

Hockey

8 p.m. Bears versus Dinosaurs. Varsity Arena. Admission is \$2.50 for adults, \$1.50 for students, and \$1 for children.

4 FEBRUARY, SATURDAY

Faculty Club

Downstairs. Buffet: beef brochette, rice, vegetable, salad bar, dessert table, \$5.50.

Upstairs. Lobster thermidor, \$15. Also regular dinner menu. Reservations required. Entertainment: Lady and the Fox.

Hockey

8 p.m. Bears versus Dinosaurs. Varsity Arena. Admission is \$2.50 for adults, \$1.50 for students, and \$1 for children.

EXHIBITIONS AND PLAYS

University Art Gallery and Museum

Continuing. An exhibition of the work of John Snow, Maxwell Bates, and Peter Daglish.

Continuing. "Herman Hesse, 1877-1977," an exhibition of photographs of the life, works, relatives, and friends of Herman Hesse.

Students' Union Art Gallery

Continuing. An exhibition of computer drawings by Gerald Hushlak.

Native Friendship Centre

Continuing. "The People," an exhibition of photographs by Harry Savage. Native Friendship Centre, 10176 117 Street.

Edmonton Art Gallery

Continuing. "The Bowman Years," an exhibition of the work acquired by the Gallery under the directorship of Maude Bowman.

To 29 January. An exhibition of the works of Edmonton artist Terrence Keller.

To 30 January. "Christmas Show," an exhibition of works on a Christmas theme from the permanent collection.

Centennial Library

To 31 January. An exhibition of watercolors by Vera Riazonova-Sell, Foyer Gallery.

To 31 January. An exhibition of black and white photographs by local artist Dale Giauque. Photography Gallery.

Provincial Museum

Continuing. "Nature and the Artist—Ralph Carson," a cross-section of work by museum habitat artist Ralph Carson.

Continuing. "Magic," an exhibit examining magic through the ages.

Continuing. An exhibition of documents illustrating the first eleven seasons of the Citadel Theatre including programs, publicity material, correspondence, working scripts, and financial reports.

Rice Gallery

To 28 January. An exhibition of the paintings of Harry Wohlfarth. Citadel Theatre.

Queen Elizabeth Planetarium

Continuing. "The Ice Age Cometh," a show that looks at disrupted weather patterns and attempts to discover what is wrong with our weather. Show times are 8 p.m. Tuesday through Friday and 3 p.m. and 8 p.m. on weekends. For further information, telephone 455-0119.

Theatre Francais d'Edmonton

31 January to 4 February. *L'Ile des chèvres (Goat's Island)* by Ugo Betti. Directed by John Juliani. Rice Theatre. Admission is \$3.50 regular and \$2.50 for students and senior citizens. Tickets available at the Citadel Box Office and north and south Carrefours.

Northern Light Theatre

From 19 January. Richard Juggett's *The First Night of Pygmalion*. Directed by Scott Swan. For ticket information and show times contact the Northern Light Box Office, telephone 429-3110.

Churchill Square Players

28 and 29 January. *Return of the Frog Prince*. Centennial Library Music Room. Admission is free. For show times contact the Children Services Division, telephone 423-2331.

Theatre 3

To 28 January. Friedrich Durrenmatt's *Play Strindberg*. For ticket information and show times contact the Theatre 3 Box Office, telephone 426-6870.

Citadel Theatre

From 1 February. *Twelfth Night* by William Shakespeare. Directed by Robert Armstrong and featuring Leslie Yeo, Lynn Griffin, and John Neville. Shoctor Theatre.

To 28 January. *Passengers* by Paddy Campbell and William Skolnik. Rice Theatre. For ticket information and show times contact the Citadel Box Office, telephone 425-1820.

LECTURES AND SEMINARS

26 January, Thursday

Biochemistry Seminar

12:30 p.m. "Sequence analysis of proteins—a guide to evolution, localization, function, and control," with speaker K.A. Walsh of the Department of Biochemistry, University of Washington, Seattle. 227 Medical Sciences Building.

Geophysics Seminar

3:30 p.m. "Two dimensional gravity inversion," with speaker E.R. Kanasewich. P-636 Physics Building.

27 January, Friday

Computing Science Colloquium

10 a.m. "Language facilities for scientific computation," with speaker T.E. Hull, University of Toronto. 559 General Services Building.

Classics Seminar

4 p.m. "Leptis Magna, imperial Roman city," with speaker I.A. Campbell, 1-8 Humanities Centre.

30 January, Monday

Plant Science Seminar

1:05 p.m. "Factors related to freezing tolerance," with speaker D. Degenhardt. G-208 Biological Sciences Building.

31 January, Tuesday

Educational Psychology Colloquium

3 p.m. "A general theory of individual differences," with speaker J.R. Royce, Director of the Center for Advanced Study in Theoretical Psychology. 315 Education North.

East European Studies Seminar

3:30 p.m. "The revival of Sorbian in the German Democratic Republic," with speaker G. Schaarschmidt. 311 Athabasca Hall.

1 February, Wednesday

African Art and Western Culture

12 noon. "Art of the African rainforest," with speaker A. Nitecki. 2-25 Humanities Centre.

Public Lecture

12:15 p.m. "The critical resources and

Canada," with speaker W.E. Harris of the Department of Chemistry. Music Room, Centennial Library.

Education Curriculum Seminar

3:30 p.m. "Curriculum, economics, and social control," with speaker Michael Apple of the University of Wisconsin at Madison. 2-115 Education North.

Botany Seminar

4:30 p.m. "Paleolimnology of two shallow parkland lakes," with speaker Rod Forbes. M-149 Biological Sciences Building.

2 February, Thursday

Ukrainian Studies Seminar

12:30 p.m. "Ukrainian Canadian Art," with speaker Jars Balan. 311 Athabasca Hall.

NON-CREDIT COURSES

INTERPRETING THE WOODS AND FIELDS

Using the outdoors in winter as a classroom will be the focus of Interpreting the Woods and Fields: Winter Worlds, which will be held on 4 and 5 February. The course has been designed to be of practical value for teachers and leaders who wish to plan and organize outdoor experiences for children. The instructor is Joy Finlay, naturalist, teacher, and environmental consultant in elementary schools and outdoor recreation and leadership programs. Lectures, demonstrations, and other activities will complement outdoor classes in the North Saskatchewan River Valley and at the John Janzen Nature Centre. The registration deadline is 1 February. *Fee:* \$18. *Telephone:* 432-5244.

PATENTS: AN OVERVIEW

This one-day seminar, sponsored by the Edmonton chapter of CASLIS, will take place on 17 February from 9 a.m. to 4 p.m. in 117 Cromdale Campus of Grant MacEwan Community College, 8020 118 Avenue. The morning program will focus on patents, while the afternoon program will concentrate more on library-related concerns. There will be an informal demonstration and a videotape from Barker Engineering Library at MIT, which will demonstrate the ways of accessing patents. The program will also include speakers from the Copyright, Inventions, and Patents Association of Calgary as well as speakers from the Canadian Patent Office. Edmonton patent attorney Peter E. Johnson will also participate in the program.

Registration will take place from 8:30 a.m. to 9 a.m. The fee for the seminar is \$25, which includes a buffet lunch and coffee; there is a student fee of \$5. For further information telephone Sheila Bertram at 432-5315.

BEING SOMEBODY—ALONE

A two-day seminar, Being Somebody—Alone, will be conducted on 10 and 11 February by Don Davies. The fee for the seminar is twenty dollars. For more information contact the Office of Student Affairs, telephone 432-4145.

POSITIONS VACANT

Specialist in Quantitative Economic-Demographic Models

The Program of Exchange and Cooperation between Centro Latinoamericano de Demografia and the University of Alberta requires a Research Associate to work in Santiago for one year. The Centro is a United Nations institution, and the program is financed by the Canadian International Development Agency. For full position description and other details apply to Professor Karol Krotki, Department of Sociology, telephone 432-3369 or 432-5234.

Receptionist

The Students' Union requires a receptionist for the Administrative and Executive Offices. Duties will include receiving telephone calls and visitors, providing direction and information, and typing purchase orders and correspondence. The position requires good clerical skills and a pleasant courteous manner. The salary range is from \$685 to \$788. An excellent holiday and benefit package is included. Apply in writing to Mrs. Roper, Room 256, SUB U of A.

NON-ACADEMIC POSITIONS

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, third floor, SUB, telephone 432-5201. Please do not contact the department directly. Positions available as of 20 January.

Clerk Typist II (\$644-\$751)—Computing Services
Public Relations Clerk I (\$644-\$779)—Public Relations
Clerk Steno II (\$644-\$779)—Faculty of Extension
Switchboard Operator (\$696-\$843)—Administrative Services
Clerk Steno III (\$721-\$877)—Faculty of Home Economics; Recreation Administration; Secretariat; Psychiatry; Mineral Engineering; Civil Engineering; Drama; Physics; Faculty of Law
Medical Steno (\$779-\$952)—Provincial Laboratory
Secretary (\$811-\$994)—Computing Science; Botany; University Secretariat
Library Assistant II (\$843-\$1,034)—Romance Languages Laboratory
Departmental Secretary (\$914-\$1,125, term)—Educational Research Services
Departmental Secretary (\$914-\$1,125)—Chemistry
Programmer/Analyst II/III (\$563-\$830, half-time, trust)—Theoretical Physics Institute
Technician I (\$843-\$1,034, trust)—Mechanical Engineering
Curriculum Technician I (\$843-\$1,034, trust)—Faculty of Extension, Legal Resource Centre
Offset Equipment Operator (\$877-\$1,078)—Printing Services, Duplicating
Electronics Technician I/II (\$877-\$1,224)—Electrical Engineering
Chemical Technologist I (\$952-\$1,173)—Faculty of Home Economics
Biology Technologist I (\$952-\$1,173)—Genetics
Electron Microscope Technician II (\$952-\$1,173, trust, term)—Faculty of Medicine
Machinist Technician III (\$1,224-\$1,520)—Chemistry

Programmer/Analyst II (\$1,125-\$1,393, trust)—Biochemistry

Programmer/Analyst II (\$1,125-\$1,393)—Faculty of Business Administration and Commerce
Specialist Technician (\$1,520-\$1,896)—Botany

The following is a list of currently available positions in the University of Alberta Libraries. The bulletin board postings in the Library Personnel Office, 516 Cameron Library, should be consulted for further information about position requirements and availability.

Library Clerk II (\$644-\$779)—Faculty of Law
Library Clerk III (\$696-\$843)—Acquisitions

PERSONAL NOTICES

All advertisements must be received by 9 a.m. the Friday prior to publication. Rate is 15 cents per word for the first week and 5 cents per word for subsequent weeks ordered before the next deadline. Minimum charge is \$1. Ads must be paid in advance and are accepted at the discretion of the Editor. We regret that no ads can be taken over the telephone. For order forms or further information, telephone 432-4991.

Accommodations available

Luxury two-bedroom condominium in Kihei, Maui; available from 1 April; \$35 per night for four. 478-6077; 475-7762.

For sale—Lendrum bungalow, brick fireplace, double garage; near schools, University. \$79,500. Telephone Liz Crockford 434-0555, residence; business, Spencer Real Estate 436-5250; 426-5880, page 894.

For sale—Windsor Park; four bedrooms, beautifully landscaped, completely redecorated. Principals. For viewing and information telephone 469-4525 evenings, weekends.

For sale—south side; located in beautiful crescent: attractive three-bedroom bungalow with fireplace in living room and downstairs; double garage. Must be sold. R. Richter 488-6930; 455-4135. Weber Bros.

For rent—newly completed three-bedroom half duplex in choice west end location; four major appliances; full basement. 483-6953.

For sale by owner—exceptional condominium in the Mill Village complex, Millwoods. This beautiful unit features 1,140 square feet, three bedrooms, 1½ baths, cedar exterior, double covered carport, patio doors, and carpet throughout. The desirability of this home is further enhanced by its excellent location—almost a free-standing unit, the property is situated adjacent to a large park area. Asking only \$52,500. Telephone 462-7710.

For rent—new three-bedroom split-level with kitchen appliances, fireplace, two-car garage, full basement. Near Devon; twenty minutes from University. Two-mile ski trail and skating rink. Immediate occupancy. 487-9676 evenings.

For sale—up-and-down duplex. \$69,900. Rosalette Mandryk, LePage Melton Real Estate 439-3995; residence, 483-5930.

Richford Estates—exclusive country residence one mile south of the city on 111 Street. Split-level home with one-acre grounds serviced with city water. Lower level: family room, den, laundry room, half bath and service entry; main level: kitchen and dinette with patio doors to wooden deck, dining room and living room; upper level: three bedrooms (four-piece bathroom en suite) and second four-piece bath. Extra bedroom and recreation room in basement. Three-car attached garage. For viewing arrangements please telephone Frost, Perry & Associates 488-3990, 488-6563; Mr. K. Perry 487-4233; Mr. H. Frost 434-4467.

For rent—three-bedroom open-beam house; attached garage, landscaped and fenced. Mill Woods. \$495 monthly; year's lease available. Telephone 462-6799 after 6 p.m.

Renting—new luxury condominium. Blue Quill; two bedrooms, fridge, stove, dishwasher, washer, dryer, garburator, sauna, whirlpool. Immediate possession. \$450. Ten minutes from University. 432-6475 days, or 469-8482 evenings.

For rent—three-bedroom bungalow main floor; stove, fridge, washer, dryer, garage, beautiful fenced yard. Quiet street opposite park, bus at door, near University. \$475; lease available. 432-2110; 436-4953.

For sale—forty acres east of Ardrossan, only sixteen miles from city on Uncas road. You must see this property with its large three-bedroom bungalow, 1,466 square feet, living and dining room, family room with open fireplace, large kitchen, full basement, storage and laundry room, plus extra hook-up for mobile home in yard. Listed at only \$120,000. Frank Sobernig 455-4135; 452-2825. Weber Bros.

For sale—Hearthstone: enjoy luxury living in this spacious executive townhouse. Located in prestigious Riverbend, this two-bedroom unit features a large master bedroom suite with open fireplace, walk-in closet, dressing area, and attached five-piece bath. Surrounding wooded parkland offers trails for nature walks and cross-country skiing. Telephone Joanne Fallow 433-5278 residence; Distacom 426-5880 page 3923. Spencer Real Estate. 436-5250.

For rent—brand new three-bedroom fourplex; available 15 February; four appliances. \$450 monthly; \$450 damage deposit. 108 Street and 72 Avenue. 434-4605.

For sale—Patricia Heights, west end. Music lovers with large family will like this charming two-storey five-bedroom home. Living and dining room, family room with open fireplace and floor-to-ceiling teak bookshelves. Large kitchen, laundry room, half bath on main floor, two bathrooms upstairs; music room downstairs is completely soundproof; extra office—the rest is full and open. Frank Sobernig 455-4135; 452-2825. Weber Bros.

For rent—one- or two-bedroom basement suite; laundry, utilities and cable hook-up included. University area. \$245 monthly. 489-8552.

For sale or rent—westend split-level condominium. Three bedrooms, rumpus room, carpeted, stove, fridge, carport. Ben, 489-3634 evenings; 427-7994 days.

For sale—recreational quarter section: 143 acres with creek, buildings, feedlot, dugout and swimming pond. Only half mile from secondary highway; sixty-five miles from city. \$48,000. Also eleven acres at Legal for only \$39,000. Frank Sobernig, 455-4135; 452-2825.

For sale—charming modern three-bedroom bungalow, two bathrooms, full and open basement. Located in town of Ardrossan. Listed at \$63,000. Frank Sobernig, 455-4135; 452-2825. Weber Bros.

For rent—Southgate three-bedroom half duplex; broadloom, fridge, stove, full, open basement. 5327 106 Street. Available 1 February. \$500 monthly. Telephone 435-6158 to view.

Accommodation wanted

Physician wishes to rent home for twelve-eighteen months from March 1978. Telephone Dr. Orford at 435-8075, or write Box 654 University Post Office.

House wanted—Belgravia couple living in apartment will pay up to \$120,000 for two- or three-bedroom bungalow in Belgravia or Windsor Park. Prefer one with fireplace and garage. Please telephone Dorothy Hamilton 439-7371 or 436-8509. Kellough Realty.

A faculty member wishes to purchase (in the spring of 1978) a traditional, four-bedroom, centre-hall-plan

home, close to the University. Please write to J. Hardie, 142 Foster Avenue, London, Ontario, or telephone 519-433-2460.

I have a client seriously interested in purchasing a two (or more) bedroom home in the University area. Basement must have existing suite or potential for development. If you are considering selling, please telephone Joanne Fallow, 433-5278 (residence); Distacom 426-5880 page 3923. Spencer Real Estate 436-5250.

Home wanted—mid-April. Quiet, private, sunny patio. Near University. Minimum: one large bedroom, 1½ baths, two other rooms, garage. Couple (both University teachers). Lease or buy; about \$500 monthly with ten percent down, or two to four-year lease. 452-4518 evenings.

Graduate male (employed). Sleeping room, quiet, warm, very near campus. Plug-in. 1 - 15 February. Telephone 986-3233; 439-8080, leave message for Rob. Box 372 University of Alberta Post Office.

Medical resident and wife wish to rent home from 1 August for two years. Good care to furnished or semi-furnished home while owner away. References. 434-9702.

Goods and services

Plumbing—for estimates on basement bathrooms, repairs, gasfitting, etc., call 465-7079.

Imagine owning some Medieval imagery. Selling elegantly framed brass rubbings from England. Shown by appointment. 434-9784.

Expert thesis typing. Linda, 436-7647.

Gerlinger's fireplace wood: birch, poplar or mixed. 426-5410.

The Chest Maker—handcrafted cedar chests. Telephone 439-5248.

Child care in my home; part, full time; four years and older. 439-4598.

Expert typing—theses, etc. Telephone 455-0641.

Dressmaking, alterations. Telephone Elizabeth 428-6162; Rosemary 488-7144.

Books—old and out-of-print, bought and sold. Norwood Books 11302 95 Street. 474-4446. Ken Jackson, proprietor.

Professional and experienced drafting of graphs for scientific papers, theses. 435-0495.

Piano accompanist available for vocal and instrumental work. R. Meilen, L.R.A.M. Telephone 436-2587.

Tape deck for sale—TEAC, reel, three-head, three-motor, Solenoid control. \$375. Martin, 432-2943 or 437-0521.

We buy old TVs, working or not. 478-4241.

Cross-country ski in the varied terrain at the PB Guest Ranch. Comfortable accommodation in sixteen-room lodge, home cooking. Telephone 452-0710, or write Box 542, Hinton, Alberta T0E 1B0.

Excellent typist. Telephone Sandy 434-5439.

Fur coat—silver tipped racoon Fun-fur with leather inserts, pockets. Size 10-12. \$900 new; asking \$250. 435-2909 after 5 p.m.

Painting interiors. Good references. 436-2988.

Spanish lessons; conversation, writing; your home or mine. 479-0415.

Custom shelving systems. Reasonable. 436-2988.

Moving. Selling—Snowblower, MTD, 21-inch, 7 hp, two years old, like new, \$425. Walnut dining room suite, 48-inch round table, four chairs, excellent condition, \$500. Konica T3-SLR 35mm camera with 55mm - 1.7 lens and 28mm - 3.5 lens, excellent condition, \$325. 487-6206.

Will do typing in my home, anytime. IBM Selectric. Telephone Linda at 482-5121 or 422-1330.

Fur coat—mink-trimmed brown mouton, size 10 petite. \$200. 434-5630.

Fine oriental rugs, 4 x 6. Collectors, investment, or home. 436-3826 evenings.

Small cultural group looking for office space to share. Need for evenings only. 488-2788.

Selling—cameras: Rollei A110, \$130. Minox B, \$150. Both with case and chain. Telephone Richard, 432-5394; 439-5054.

Dog for sale. Very reasonably priced. Attractive black and white, small two-year-old male. Completely house-trained, affectionate, playful, loves children. 432-4427 or 455-7230.

Interested in having your area cleared of snow this winter? Telephone 439-3531; 462-2878.

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